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EXAMINER
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HASHEM, LISA

ART UNIT	PAPER NUMBER
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2614

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/089,405

**Applicant(s)**

HAUMONT, SERGE

**Examiner**

LISA HASHEM

**Art Unit**

2614

**Period for Reply** -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 16 September 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 33-71 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 33-71 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/CDC)
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date: \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_
- Paper No(s)/Mail Date: \_\_\_\_\_

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments, see Amendment, filed 9-16-08, with respect to the rejection(s) of claim(s) 1, 3-22, and 24-32 have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made for claims 33-71 which include the same limitations as claims 1, 3-22, and 24-32. Please see the rejection(s) below.

### ***Claim Objections***

2. Claims 46 and 48 are objected to because of the following informalities: The claims recite 'a apparatus' instead of 'an apparatus'. Appropriate correction is required.

### ***Claim Rejections - 35 USC § 112***

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. Claims 33, 45, 46, 51, 53, 57, 58, 59, 60, and 61 recite the limitation "the balance".

There is insufficient antecedent basis for this limitation in these claims.

5. Claims 33, 45, 52, 53, 55, and 57 recite the limitation "the user". There is insufficient antecedent basis for this limitation in these claims.

6. Claim 36 recites the limitation "the set of services" in line 2. There is insufficient antecedent basis for this limitation in the claim. It is not clear if this limitation refers to the first set of services, the second sets of services, or both.

***Claim Rejections - 35 USC § 101***

7. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

8. Claims 57 and 60 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. The specification does not provide clear support of what 'computer readable medium' is disclosed as.

***Claim Rejections - 35 USC § 102***

9. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

10. Claims 33, and 35-71 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No. 6,208,851 by Hanson.

Regarding claim 33, Hanson discloses a method comprising: determining services accessible via a subscription having an account (i.e. prepay account) and at least a first limit (i.e. minimum balance required for the roaming call) in a communication system (i.e. prepay telecommunications system) (Fig. 1-3; Fig. 5) (col. 4, lines 17-34; col. 6, line 30 – col. 7, line 41); defining at least a first set of services (i.e. prepay roaming call) and a second set of services (i.e. credit card or manual roaming; calls for emergency 911 or customer service) to be used with

the subscription, each set of services defining services accessible via the subscription (col. 2, lines 22-38; col. 5, lines 29-41; col. 7, lines 6-11);

using in the communication system access point names to define where and how to connect the user of the subscription (col. 7, lines 6-41);

defining a first access point name (i.e. roaming platform's switch; Fig. 2, 96; Fig. 2, 24) for the first set of services (col. 5, lines 29-37; col. 7, lines 6-8 and lines 11-41);

defining a second access point name (i.e. manual or credit card roaming platform; Fig. 2, 96) for the second set of services (col. 5, lines 37-39; col. 7, lines 8-11);

comparing the balance of the account (i.e. account balance of roaming caller) with the first limit (col. 7, lines 6-11);

selecting, in response to the result of the comparison, an access point name to be used with this connection, wherein the first access point name is selected when the balance of the account does not reach the first limit (col. 7, lines 6-8 and lines 11-41); and

the second access point name is selected when the balance reaches the first limit (col. 7, lines 8-11).

Regarding claim 35, (Hanson: col. 5, lines 29-41; col. 6, line 30-60).

Regarding claim 36, (Hanson: col. 7, lines 6-41).

Regarding claim 37, (Hanson: col. 5, lines 37-39).

Regarding claim 38, (Hanson: col. 5, lines 37-39; col. 7, lines 8-11).

Regarding claim 39, (Hanson: col. 4, lines 53-67; col. 5, lines 37-39; col. 7, lines 8-11).

Regarding claim 40, (Hanson: col. 7, lines 11-41).

Regarding claim 41, (Hanson: col. 5, lines 33-37; col. 7, lines 6-8).

Regarding claim 42, (Hanson: col. 7, lines 8-11).

Regarding claim 43, (Hanson: col. 6, line 59 – col. 7, line 11).

Regarding claim 44, Hanson discloses a communication system (i.e. prepay telecommunications system) (Fig. 1-3; Fig. 5) providing a subscription with an account (i.e. prepay account) and at least a first limit (i.e. minimum balance required for the roaming call) (col. 4, lines 17-34; col. 6, line 30 – col. 7, line 41), the communication system comprising: a first node (Fig. 1, 50; Fig. 2, 50; Fig. 3, 50; i.e. home prepay wireless platform) that monitors a balance of the account (i.e. account balance of roaming caller) (col. 4, lines 17-34; col. 5, lines 29-41; col. 6, line 61 – col. 7, line 41); a memory (Fig. 2, 92; i.e. prepay customer data database of a home prepay wireless platform; Fig. 1, 50; Fig. 2, 50; Fig. 3, 50; col. 4, lines 17-34) that stores definitions of at least a first set of services (i.e. prepay roaming call) associated with a first access point name (i.e. roaming platform's switch; Fig. 2, 96; Fig. 2, 24) and a second set of services (i.e. credit card or manual roaming; calls for emergency 911 or customer service) associated with a second access point name (i.e. manual or credit card roaming platform; Fig. 2, 96) to be used with the subscription, each set of services defining services accessible via the subscription (col. 5, lines 29-41; col. 7, lines 6-41), wherein the first node compares the balance of the account with the first limit (col. 7, lines 6-11), and selects, in response to the result of the comparison, an access point name to be used with this connection, wherein the first access point name is selected when the balance of the account does not reach the first limit and the second access point name is selected when the balance reaches the first limit (col. 7, lines 6-41).

Regarding claim 45, Hanson discloses an apparatus (Fig. 1, 50; Fig. 2, 50; Fig. 3, 50; i.e. home prepaid wireless platform) in a communication system (i.e. prepaid telecommunications system) (Fig. 1-3; Fig. 5) providing a subscription with an account (i.e. a prepaid account) and at least a first limit (i.e. minimum balance required for the roaming call) (col. 4, lines 17-34; col. 6, line 30 – col. 7, line 41), the apparatus being arranged to use access point names to define where and how to connect the user of the subscription and monitor the balance of the account (col. 6, line 30 - col. 7, line 41), wherein the apparatus is arranged to (col. 4, lines 17-34):

associate a first access point name (i.e. roaming platform's switch; Fig. 2, 96; Fig. 2, 24) with a first set of services (i.e. prepaid roaming call), and a second access point name (i.e. manual or credit card roaming platform; Fig. 2, 96) with a second set of services (i.e. credit card or manual roaming; calls for emergency 911 or customer service), both sets of services defining services accessible via the subscription (col. 5, lines 29-41; col. 7, lines 6-41); compare the balance of the account (i.e. account balance of roaming caller) with the first limit (col. 7, lines 6-11);

select, in response to the result of the comparison, an access point name to be used with this connection, wherein the first access point name is selected when the balance of the account does not reach the first limit and the second access point name is selected when the balance reaches the first limit (col. 7, lines 6-41).

Regarding claim 46, Hanson discloses an apparatus (Fig. 2, 92; i.e. prepaid customer data database of a home prepaid wireless platform (Fig. 1, 50; Fig. 2, 50; Fig. 3, 50)) in a communication system (i.e. prepaid telecommunications system) (Fig. 1-3; Fig. 5) providing a

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subscription with an account (i.e. a prepay account) and at least a first limit (i.e. minimum balance required for the roaming call), the apparatus being arranged to monitor the balance of the account (col. 4, lines 17-34; col. 6, line 30 – col. 7, line 41), wherein:

the apparatus is arranged to associate a first access point name (i.e. roaming platform's switch; Fig. 2, 96; Fig. 2, 24) with a first set of services (i.e. prepay roaming call) and a second access point name (i.e. manual or credit card roaming platform; Fig. 2, 96) with the second set of services (i.e. credit card or manual roaming; calls for emergency 911 or customer service), both sets of services accessible via the subscription (col. 5, lines 29-41; col. 7, lines 6-41); communicate with a second apparatus (i.e. home prepay wireless platform; Fig. 1, 50; Fig. 2, 50; Fig. 3, 50);

compare the balance of the account (i.e. account balance of roaming caller) with the first limit (col. 7, lines 6-11);

select in response to the result of the comparison, an access point name to be used with this connection, wherein the first access point name is selected when the balance of the account does not reach the first limit the second access point name is selected when the balance reaches the first limit, and indicate to the second apparatus the selected access point name (col. 7, lines 6-41).

Regarding claim 47, (Hanson: col. 7, lines 6-41).

Regarding claim 48, Hanson discloses a apparatus (i.e. a home prepay wireless platform; Fig. 1, 50; Fig. 2, 50; Fig. 3, 50) in a communication system (i.e. prepay telecommunications system) (Fig. 1-3; Fig. 5) providing a subscription, wherein the apparatus is arranged to



store a first access point name (i.e. roaming platform's switch; Fig. 2, 96; Fig. 2, 24) used in the communication system to define where and how to connect to the user of the subscription (col. 4, lines 17-34; col. 5, lines 33-37; col. 7, lines 6-8 and lines 11-41);

provide access to a first set of services (i.e. prepaid roaming call) via a connection accessible to the subscription using the first access point name (col. 6, line 61 – col. 7, line 3);

receive from the communication system an indication indicating the use of a second set of services (i.e. credit card or manual roaming; calls for emergency 911 or customer service) for the connection, the indication of the set of services being received as a second access point name (i.e. home prepaid wireless platform; Fig. 1, 50; Fig. 2, 50; Fig. 3, 50) and in response to receiving the indication to modify the stored first access point name with the received second access point name (col. 5, lines 37-39; col. 6, line 61 – col. 7, line 11), and

provide access only to services included in the indicated second set of services using the second access point name (col. 4, lines 17-34; col. 5, lines 37-39; col. 7, lines 8-11).

Regarding claim 49, (Hanson: col. 4, lines 53-67; col. 5, lines 37-39; col. 7, lines 8-11).

Regarding claim 50, (Hanson: col. 4, lines 17-34 and lines 53-67).

Regarding claim 51, Hanson discloses a method of determining services accessible via a subscription having an account (i.e. a prepaid account) and at least a predetermined first limit (i.e. minimum balance required for the roaming call) in a communication system (i.e. prepaid telecommunications system) (Fig. 1-3; Fig. 5) (col. 5, lines 33-37; col. 6, line 30 – col. 7, line 41), the method comprising:

maintaining definitions of at least a first set of services (i.e. prepaid roaming call) and a second set of services (i.e. credit card or manual roaming; calls for emergency 911 or customer service)

to be used with the subscription, each set of services defining services accessible via the subscription, the second set of services (i.e. credit card or manual roaming; calls for emergency 911 or customer service) being a subset of the first set of services (i.e. prepay roaming call) and comprising services which are not charged from the subscriber (col. 5, lines 29-41; col. 7, lines 6-41);

comparing the balance of the account (i.e. account balance of roaming caller) with the first limit (col. 7, lines 6-11);

deciding on the basis of the comparison, which set of services, among said at least the first set of services and the second set of services, can be used (col. 7, lines 6-11);

using the first set of services when the balance of the account does not reach the first limit; and using the second set of services when the balance reaches the first limit (col. 7, lines 6-41).

Regarding claim 52, Hanson discloses a processor comprising program code (Fig. 2, 92; i.e. prepay customer data database of a home prepay wireless platform (Fig. 1, 50; Fig. 2, 50; Fig. 3, 50)) configuring an apparatus (i.e. a home prepay wireless platform; Fig. 1, 50; Fig. 2, 50; Fig. 3, 50) in a communication system (i.e. prepay telecommunications system) (Fig. 1-3; Fig. 5) (col. 4, lines 17-34) to:

use access point names to define where and how to connect the user of the subscription (col. 4, lines 17-34; col. 6, line 30 – col. 7, line 41);

provide a subscription with an account (i.e. prepay account) and at least a first limit (i.e. minimum balance required for the roaming call) (col. 7, lines 6-41);

associate a first access point name (i.e. roaming platform's switch; Fig. 2, 96; Fig. 2, 24) with a first set of services (i.e. prepay roaming call), and a second access point name (i.e. home prepay wireless platform; Fig. 1, 50; Fig. 2, 50; Fig. 3, 50) with a second set of services (i.e. credit card or manual roaming; calls for emergency 911 or customer service), both sets of services defining services accessible via the subscription (col. 5, lines 29-41; col. 7, lines 6-41);

monitor a balance (i.e. account balance of roaming caller) of the account (col. 4, lines 17-34; col. 6, line 30 – col. 7, line 41);

compare the balance (i.e. account balance of roaming caller) with the first limit (col. 7, lines 6-11);

select, in response to the result of the comparison, an access point name to be used with this connection in response to the result of the comparison, wherein

the first access point name is selected when the balance of the account does not reach the first limit and the second access point name is selected when the balance reaches the first limit (col. 7, lines 6-41).

Regarding claim 53, Hanson discloses a processor comprising program code (Fig. 2, 92; i.e. prepay customer data database of a home prepay wireless platform (Fig. 1, 50; Fig. 2, 50; Fig. 3, 50)) configuring an apparatus (i.e. a home prepay wireless platform; Fig. 1, 50; Fig. 2, 50; Fig. 3, 50) in a communication system (i.e. prepay telecommunications system) (Fig. 1-3; Fig. 5) (col. 4, lines 17-34) to use access point names to define where and how to connect the user of the subscription (col. 4, lines 17-34; col. 6, line 30 – col. 7, line 41);

provide a subscription with an account (i.e. a prepay account) and at least a first limit (i.e. minimum balance required for the roaming call) (col. 7, lines 6-41),

associate a first access point name (i.e. roaming platform's switch; Fig. 2, 96; Fig. 2, 24) with a first set of services (i.e. prepay roaming call), and a second access point name (i.e. home prepay wireless platform; Fig. 1, 50; Fig. 2, 50; Fig. 3, 50) with a second set of services (i.e. credit card or manual roaming; calls for emergency 911 or customer service), both sets of services defining services accessible via the subscription (col. 5, lines 29-41; col. 7, lines 6-41);

communicate with a second apparatus (col. 4, line 53 – col. 5, line 28; Fig. 3: 114, 116; i.e. databases);

compare the balance of the account (i.e. account balance of roaming caller) with the first limit (col. 7, lines 6-11);

select, in response to the result of the comparison, an access point name to be used with this connection wherein the first access point name when the balance of the account does not reach the first limit and the second access point name is selected when the balance reaches the first limit (col. 7, lines 6-41); and

indicate, in a form of the selected access point name to the second apparatus (col. 4, line 53 – col. 5, line 28), which set of services from among at least two different sets of services defined for the subscription is the allowed set of services on the basis of said comparison (col. 7, lines 6-41).

Regarding claim 54, (Hanson: col. 7, lines 6-41).

Regarding claim 55, Hanson discloses a processor comprising program code (Fig. 2, 92; i.e. prepay customer data database of a home prepay wireless platform (Fig. 1, 50; Fig. 2, 50; Fig. 3, 50)) configuring an apparatus (i.e. a home prepay wireless platform; Fig. 1, 50; Fig. 2, 50;

Fig. 3, 50) in a communication system (i.e. prepay telecommunications system) (Fig. 1-3; Fig. 5) to (col. 4, lines 17-34; col. 6, line 30 – col. 7, line 41):

provide a subscription,

store a first access point name (i.e. roaming platform's switch; Fig. 2, 96; Fig. 2, 24) used in the communication system to define where and how to connect the user of the subscription (col. 4, lines 17-34; col. 5, lines 33-37; col. 7, lines 6-8 and lines 11-41);

provide access to a first set of services (i.e. prepay roaming call) accessible via a connection to the subscription using the first access point name (col. 6, line 61 – col. 7, line 3);

receive from the communication system an indication indicating the use of a second set of services (i.e. credit card or manual roaming; calls for emergency 911 or customer service) for the connection and the indication of the set of services being received as a second access point name (i.e. home prepay wireless platform; Fig. 1, 50; Fig. 2, 50; Fig. 3, 50) used in the communication system to define where and how to connect the user of the subscription (col. 5, lines 37-39; col. 7, lines 8-11); and, in response to receiving the indication, to modify the stored first access point name with the received second access point name (col. 5, lines 37-39; col. 6, line 30 – col. 7, line 11), and provide access only to services included in the indicated second set of services using the second access point name (col. 4, lines 17-34; col. 5, lines 37-39; col. 7, lines 8-11).

Regarding claim 56, (Hanson: col. 4, lines 53-67; col. 5, lines 37-39; col. 7, lines 8-11).

Regarding claim 57, Hanson discloses a computer readable medium (i.e. a home prepay wireless platform; Fig. 1, 50; Fig. 2, 50; Fig. 3, 50) encoding a computer program of instructions for executing a computer process (Fig. 2, 92; i.e. prepay customer data database of a home

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prepay wireless platform (Fig. 1, 50; Fig. 2, 50; Fig. 3, 50)) for determining services accessible via a subscription having an account (i.e. prepay account) and at least a first limit (i.e. minimum balance required for the roaming call) in a communication system (i.e. prepay telecommunications system) (Fig. 1-3; Fig. 5) (col. 4, lines 17-34; col. 6, line 30 – col. 7, line 41), the process comprising: defining at least a first set of services (i.e. prepay roaming call) and a second set of services (i.e. credit card or manual roaming; calls for emergency 911 or customer service) to be used with the subscription, each set of services defining services accessible via the subscription (col. 2, lines 22-38; col. 5, lines 29-41; col. 7, lines 6-11); using in the communication system access point names to define where and how to connect the user of the subscription (col. 7, lines 6-41); defining a first access point name (i.e. roaming platform's switch; Fig. 2, 96; Fig. 2, 24) for the first set of services (col. 5, lines 29-37; col. 7, lines 6-8 and lines 11-41); defining a second access point name (i.e. manual or credit card roaming platform; Fig. 2, 96) for the second set of services (col. 5, lines 37-39; col. 7, lines 8-11); comparing the balance of the account (i.e. account balance of roaming caller) with the first limit (col. 7, lines 6-11);

Regarding claim 58, Hanson discloses an apparatus (Fig. 2, 92; i.e. prepay customer data database of a home prepay wireless platform (Fig. 1, 50; Fig. 2, 50; Fig. 3, 50)) (col. 4, lines 17-34) configured to:

determine services accessible via a subscription having an account (i.e. a prepay account) and at least a predetermined first limit (i.e. minimum balance required for the roaming call) (col. 7,

lines 6-41) in a communication system (i.e. prepay telecommunications system) (Fig. 1-3; Fig. 5) (col. 4, lines 17-34; col. 6, line 30 – col. 7, line 41);

maintain definitions of at least a first set of services (i.e. prepay roaming call) and a second set of services (i.e. credit card or manual roaming; calls for emergency 911 or customer service) to be used with the subscription, each set of services defining services accessible via the subscription, the second set of services being a subset of the first set of services and comprising services which are not charged from the subscriber (i.e. calls for emergency 911 or customer service) (col. 2, lines 22-38; col. 5, lines 29-41; col. 7, lines 6-11);

compare the balance of the account (i.e. account balance of roaming caller) with the first limit (i.e. minimum balance required for the roaming call) (col. 7, lines 6-11);

decide on the basis of the comparison, which set of services, among said at least the first set of services and the second set of services, can be used (col. 7, lines 6-11);

use the first set of services when the balance of the account does not reach the first limit;

and use the second set of services when the balance reaches the first limit (col. 7, lines 6-41).

Regarding claim 59, Hanson discloses a processor (Fig. 2, 92; i.e. prepay customer data database of a home prepay wireless platform (Fig. 1, 50; Fig. 2, 50; Fig. 3, 50)) (col. 4, lines 17-34) configured to:

determine services accessible via a subscription having an account (i.e. a prepay account) and at least a predetermined first limit (i.e. minimum balance required for the roaming call) (col. 7, lines 6-41) in a communication system (i.e. prepay telecommunications system) (Fig. 1-3; Fig. 5) (col. 4, lines 17-34; col. 6, line 30 – col. 7, line 41);

maintain definitions of at least a first set of services (i.e. prepay roaming call) and a second set of services (i.e. credit card or manual roaming; calls for emergency 911 or customer service) to be used with the subscription, each set of services defining services accessible via the subscription, the second set of services being a subset of the first set of services and comprising services which are not charged from the subscriber (i.e. calls for emergency 911 or customer service) (col. 2, lines 22-38; col. 5, lines 29-41; col. 7, lines 6-11);

compare the balance of the account (i.e. account balance of roaming caller) with the first limit (i.e. minimum balance required for the roaming call) (col. 7, lines 6-11);

decide on the basis of the comparison, which set of services, among said at least the first set of services and the second set of services, can be used (col. 7, lines 6-11);

use the first set of services when the balance of the account does not reach the first limit;

and use the second set of services when the balance reaches the first limit (col. 7, lines 6-41).

Regarding claim 60, Hanson discloses a computer readable medium encoding a computer program of instructions for executing a computer process (Fig. 2, 92; i.e. prepay customer data database of a home prepay wireless platform (Fig. 1, 50; Fig. 2, 50; Fig. 3, 50)) (col. 4, lines 17-34; col. 6, line 30 – col. 7, line 41) comprising:

determining services accessible via a subscription having an account (i.e. a prepay account) and at least a predetermined first limit (i.e. minimum balance required for the roaming call) in a communication system (i.e. prepay telecommunications system) (Fig. 1-3; Fig. 5) (col. 5, lines 33-37; col. 7, lines 6-41),

maintaining definitions of at least a first set of services (i.e. prepay roaming call) and a second set of services (i.e. credit card or manual roaming; calls for emergency 911 or customer service)



to be used with the subscription, each set of services defining services accessible via the subscription, the second set of services (i.e. credit card or manual roaming; calls for emergency 911 or customer service) being a subset of the first set of services (i.e. prepaid roaming call) and comprising services which are not charged from the subscriber (col. 5, lines 29-41; col. 7, lines 6-41);

comparing the balance of the account (i.e. account balance of roaming caller) with the first limit (col. 7, lines 6-11);

deciding on the basis of the comparison, which set of services, among said at least the first set of services and the second set of services, can be used (col. 7, lines 6-11);

using the first set of services when the balance of the account does not reach the first limit; and using the second set of services when the balance reaches the first limit (col. 7, lines 6-41).

Regarding claim 61, Hanson discloses an apparatus (Fig. 2, 92; i.e. prepaid customer data database of a home prepaid wireless platform (Fig. 1, 50; Fig. 2, 50; Fig. 3, 50)) (col. 4, lines 17-34; col. 6, line 30 – col. 7, line 41) comprising:

means for determining services accessible via a subscription having an account (i.e. a prepaid account) and at least a predetermined first limit (i.e. minimum balance required for the roaming call) in a communication system (i.e. prepaid telecommunications system) (Fig. 1-3; Fig. 5) (col. 5, lines 33-37; col. 7, lines 6-41),

means for maintaining definitions of at least a first set of services (i.e. prepaid roaming call) and a second set of services (i.e. credit card or manual roaming; calls for emergency 911 or customer service) to be used with the subscription, each set of services defining services accessible via the

subscription, the second set of services (i.e. credit card or manual roaming; calls for emergency 911 or customer service) being a subset of the first set of services (i.e. prepay roaming call) and comprising services which are not charged from the subscriber (col. 5, lines 29-41; col. 7, lines 6-41);

means for comparing the balance of the account (i.e. account balance of roaming caller) with the first limit (col. 7, lines 6-11);

means for deciding on the basis of the comparison, which set of services, among said at least the first set of services and the second set of services, can be used (col. 7, lines 6-11);

means for using the first set of services when the balance of the account does not reach the first limit; and means for using the second set of services when the balance reaches the first limit (col. 7, lines 6-41).

Regarding claim 62, (Hanson: col. 5, lines 39-41; col. 7, lines 25-41).

Regarding claim 63, a method as claimed in claim 51, Hanson comprising:

communicating with an apparatus (i.e. a home prepay wireless platform; Fig. 1, 50; Fig. 2, 50; Fig. 3, 50) in a communication system maintaining subscription information including at least an indication indicating an allowed set of services for the subscription (col. 4, lines 17-34; col. 6, line 30 – col. 7, line 41);

directing, when the balance reaches the first limit, the apparatus to set the second set of services as the allowed set of services and in response to the balance not any more reaching the first limit after reaching the first limit, directing the apparatus to set the first set of services as the allowed set of services (col. 4, lines 59-67; col. 7, lines 8-11).

Regarding claim 64, (Hanson: col. 5, lines 39-41; col. 7, lines 25-41).

Regarding claim 65, Hanson discloses an apparatus according to claim 58 configured to: communicate with a second apparatus (i.e. home prepaid wireless platform; Fig. 1, 50; Fig. 2, 50; Fig. 3, 50) in a communication system maintaining subscription information including at least an indication indicating an allowed set of services for the subscription (col. 4, lines 17-34; col. 6, line 30 – col. 7, line 41);

direct, when the balance reaches the first limit, the second apparatus to set the second set of services as the allowed set of services and in response to the balance not any more reaching the first limit after reaching the first limit, direct the second apparatus to set the first set of services as the allowed set of services (col. 4, lines 59-67; col. 7, lines 8-11).

Regarding claim 66, (Hanson: col. 5, lines 39-41; col. 7, lines 25-41).

Regarding claim 67, Hanson discloses a processor according to claim 59 configured to: communicate with a second apparatus (i.e. home prepaid wireless platform; Fig. 1, 50; Fig. 2, 50; Fig. 3, 50) in a communication system maintaining subscription information including at least an indication indicating an allowed set of services for the subscription (col. 4, lines 17-34);

direct, when the balance reaches the first limit, the second apparatus to set the second set of services as the allowed set of services and in response to the balance not any more reaching the first limit after reaching the first limit, direct the second apparatus to set the first set of services as the allowed set of services (col. 4, lines 59-67; col. 7, lines 8-11).

Regarding claim 68, (Hanson: col. 5, lines 39-41; col. 7, lines 25-41).

Regarding claim 69, Hanson discloses a computer readable medium according to claim 60, wherein the computer process further comprises:

communicating with an apparatus (i.e. home prepay wireless platform; Fig. 1, 50; Fig. 2, 50; Fig. 3, 50) in a communication system maintaining subscription information including at least an indication indicating an allowed set of services for the subscription (col. 4, lines 17-34); directing, when the balance reaches the first limit, the apparatus to set the second set of services as the allowed set of services and in response to the balance not any more reaching the first limit after reaching the first limit, directing the apparatus to set the first set of services as the allowed set of services (col. 4, lines 59-67; col. 7, lines 8-11).

Regarding claim 70, (Hanson: col. 5, lines 39-41; col. 7, lines 25-41).

Regarding claim 71, Hanson discloses an apparatus according to claim 61 comprising: means for communicating with a second apparatus (i.e. home prepay wireless platform; Fig. 1, 50; Fig. 2, 50; Fig. 3, 50) in a communication system maintaining subscription information including at least an indication indicating an allowed set of services for the subscription (col. 4, lines 17-34); means for directing, when the balance reaches the first limit, the second apparatus to set the second set of services as the allowed set of services and in response to the balance not any more reaching the first limit after reaching the first limit, means for directing the second apparatus to set the first set of services as the allowed set of services (col. 4, lines 59-67; col. 7, lines 8-11).

***Claim Rejections - 35 USC § 103***

11. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

12. Claim 34 is rejected under 35 U.S.C. 103(a) as being unpatentable over Hanson, as applied to claim 33, in view of U.S. Pat. No. 6,097,948 by Sjodin.

Regarding claim 34, a method as claimed in claim 33, wherein Hanson does not disclose a firewall.

Sjodin discloses a method of determining services accessible via a subscription in a communication system (Fig. 1) (col. 7, lines 47-54), the method further comprising: the communication system comprising a firewall (e.g. a system designed to prevent un-authorized access to or from a private network); and defining accessible services via a set of services by defining at least a firewall configuration for the set of services (col. 7, lines 47-54; col. 10, lines 53-61; col. 11, lines 8-40; col. 13, line 17 – col. 14, line 41).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the method of Hanson to include a firewall as taught by Sjodin. One of ordinary skill in the art would have been lead to make such a modification to provide a restrictive screening policy in order to restrict access of a certain application.

***Conclusion***

13. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See PTO-892 Form.

14. Any response to this action should be mailed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Or faxed to:**

(571) 273-8300 (for formal communications intended for entry)

**Or call:**

(571) 272-2600 (for customer service assistance)

15. Any inquiry concerning this communication or earlier communications from the examiner should be directed to LISA HASHEM whose telephone number is (571)272-7542. The examiner can normally be reached on M-F 8:30-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang can be reached on (571) 272-7547. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

16. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Lisa Hashem/  
Examiner, Art Unit 2614  
January 17, 2009